

Fig. 1 (a)

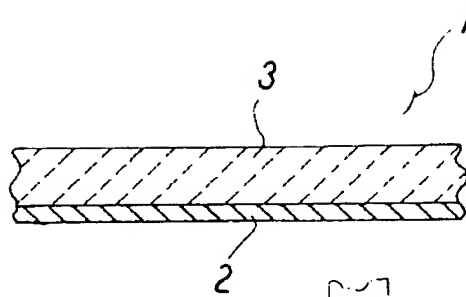


Fig. 1 (b)

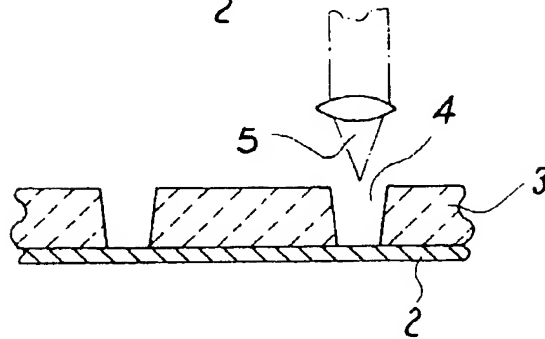
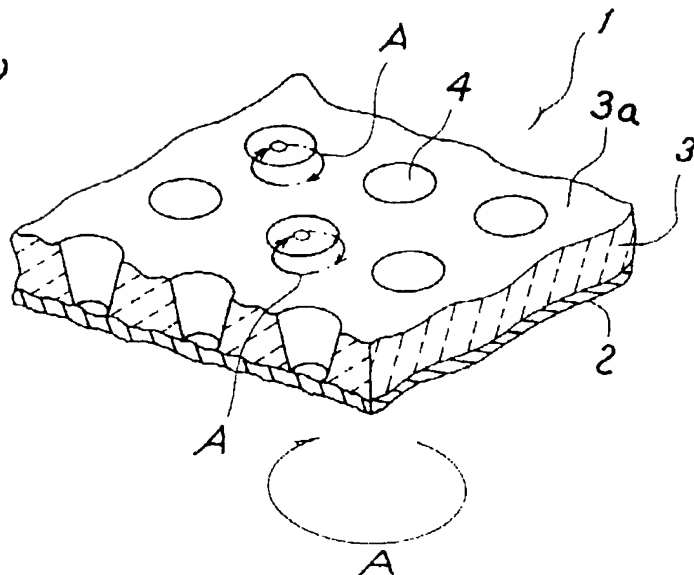


Fig. 1 (C)



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Fig. 2

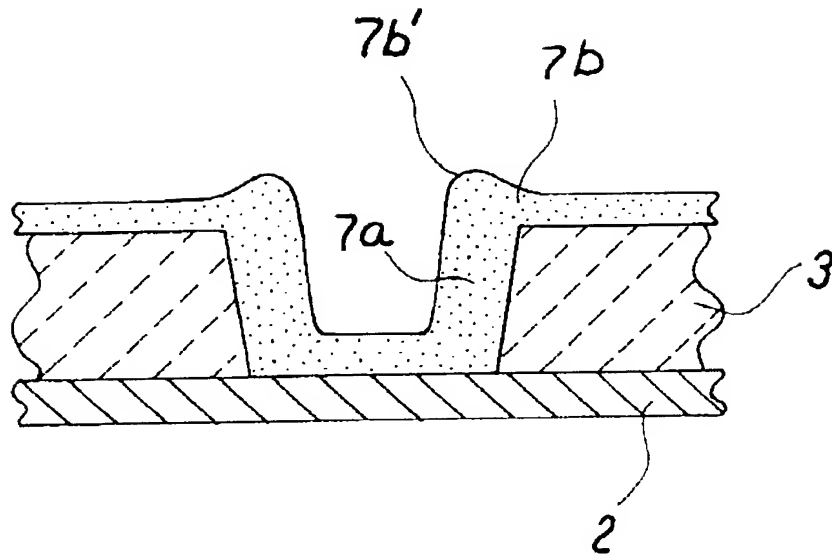
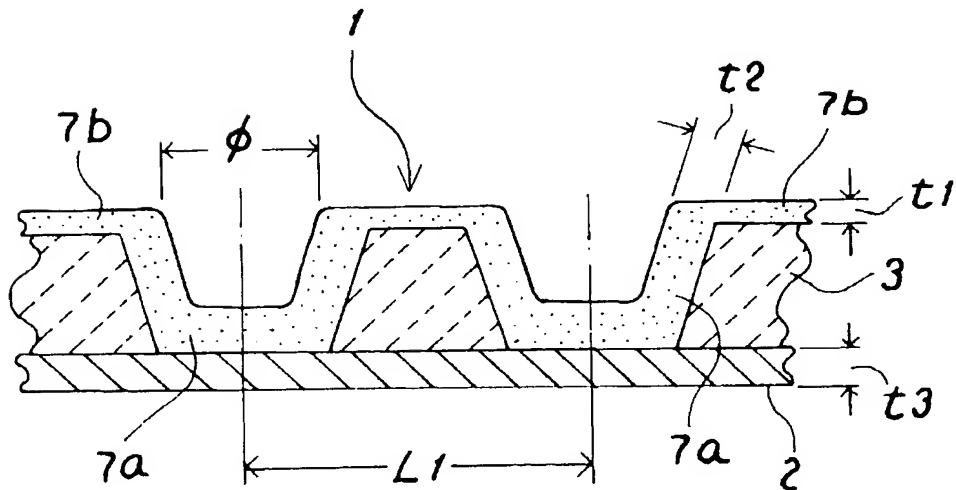


Fig. 3



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Fig. 4

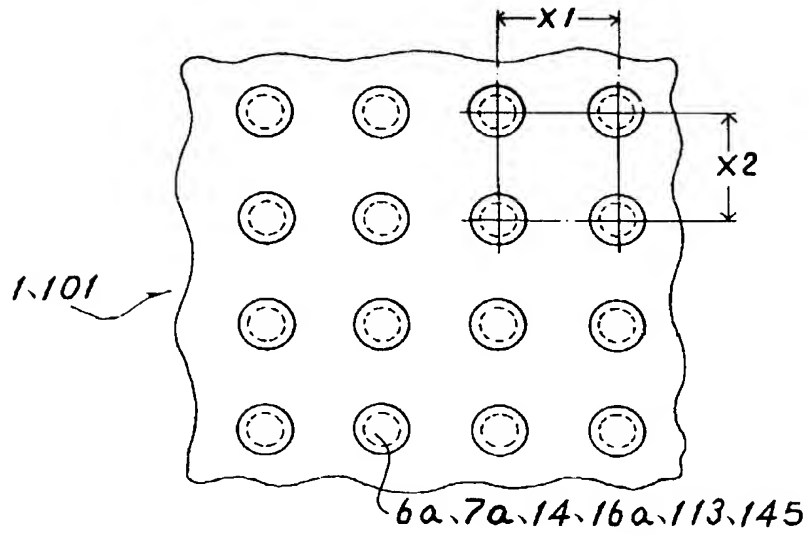
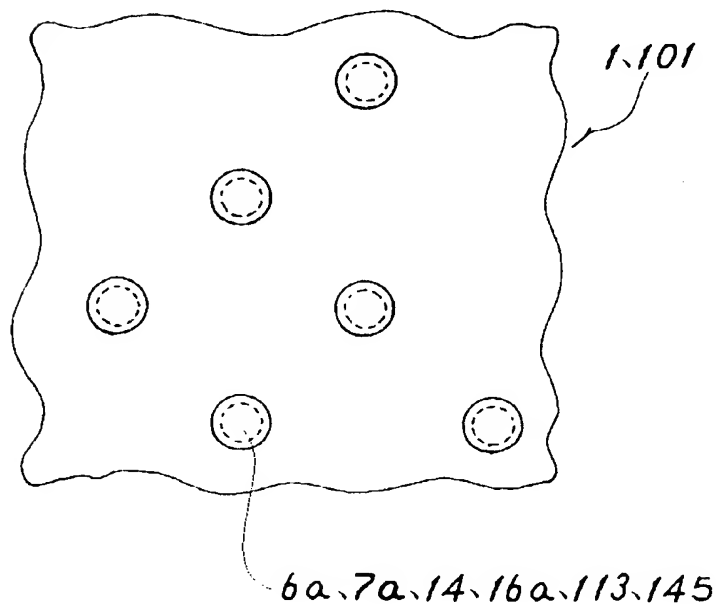
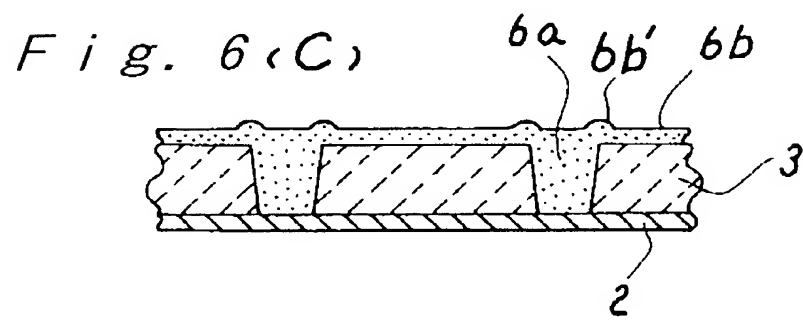
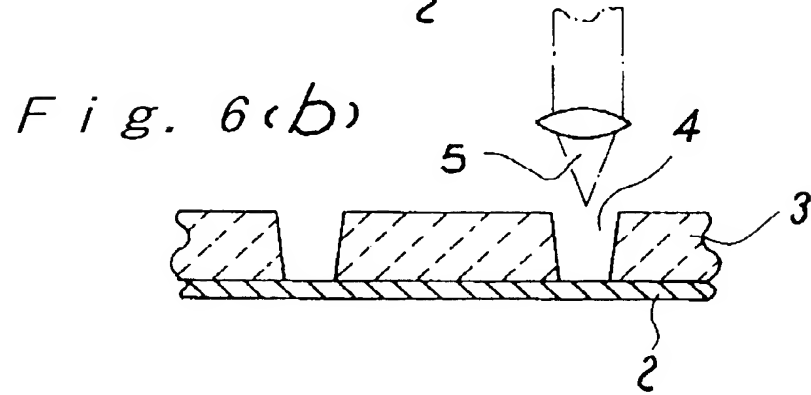
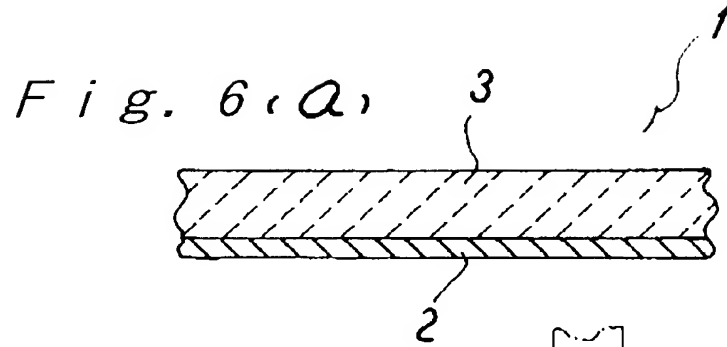


Fig. 5





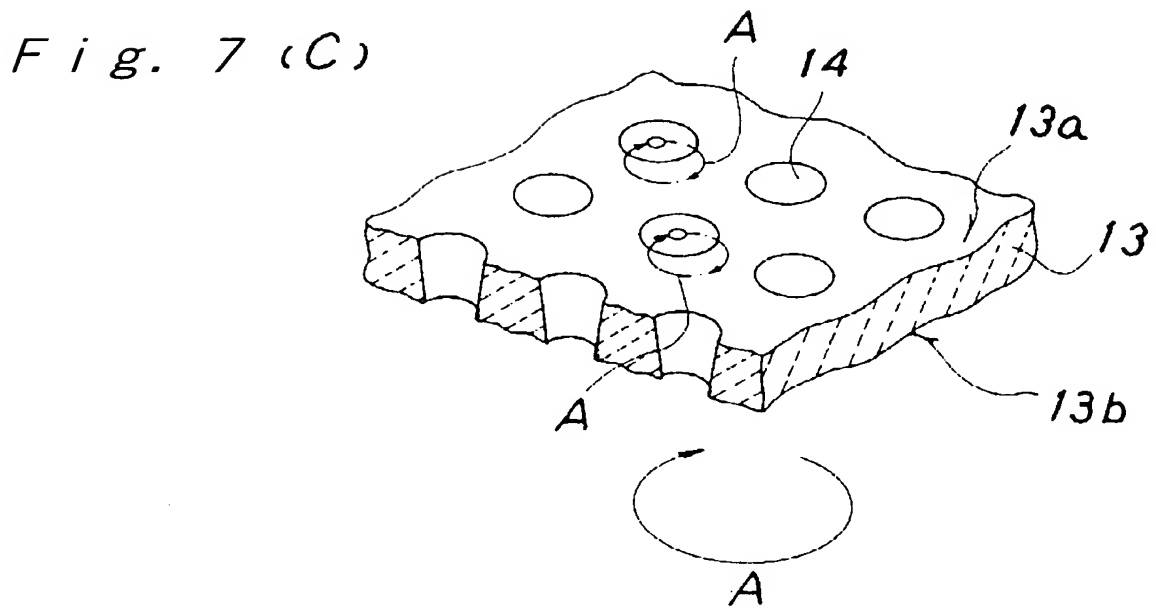
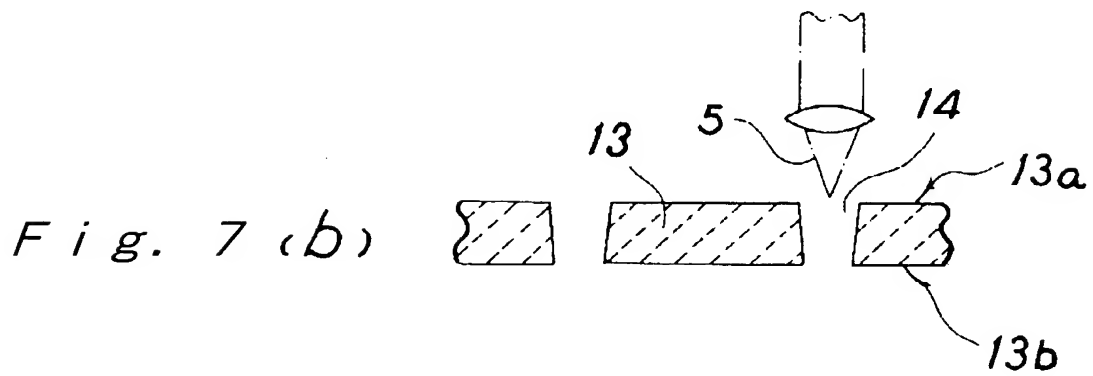
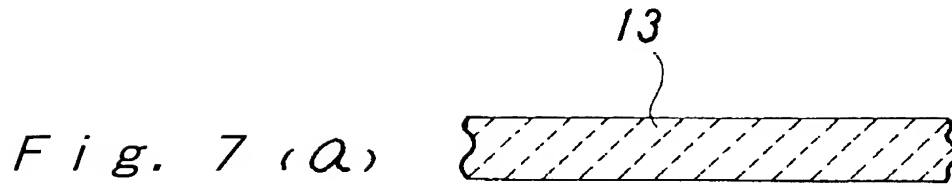


Fig. 8(a)

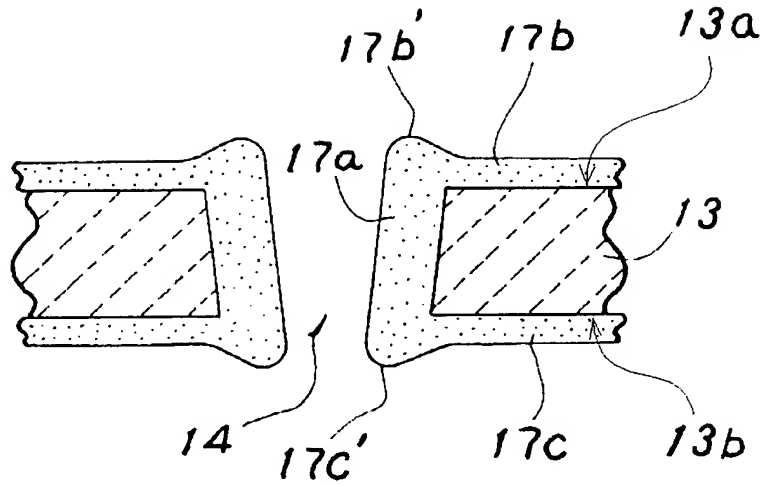
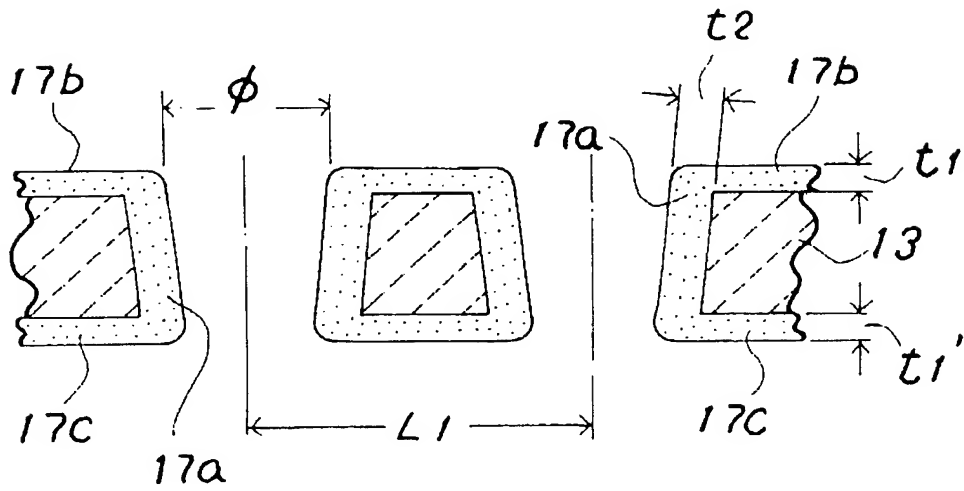


Fig. 8(b)



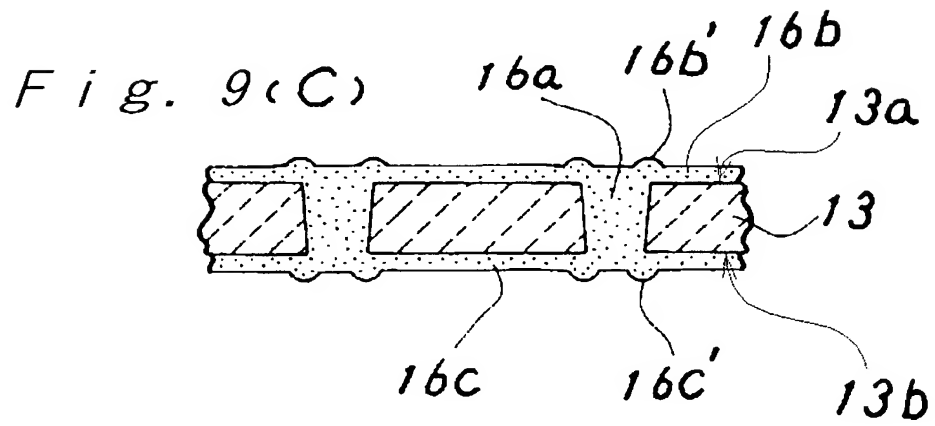
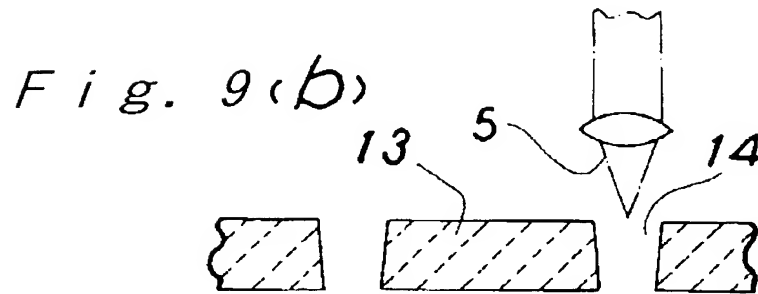
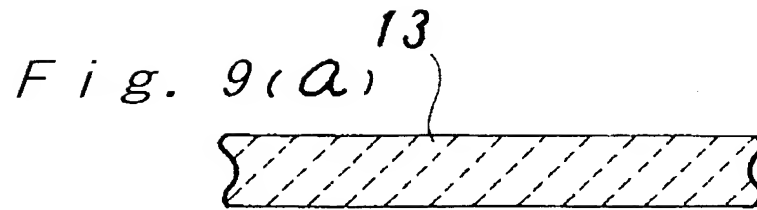


Fig. 10(a)

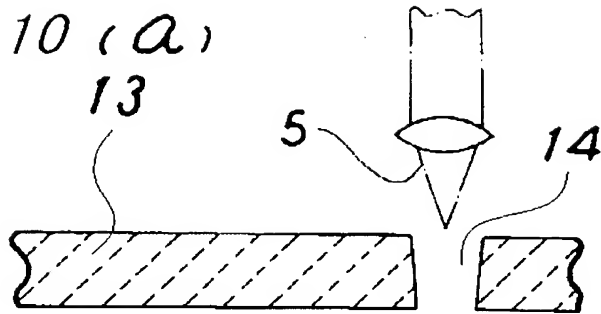


Fig. 10(b)

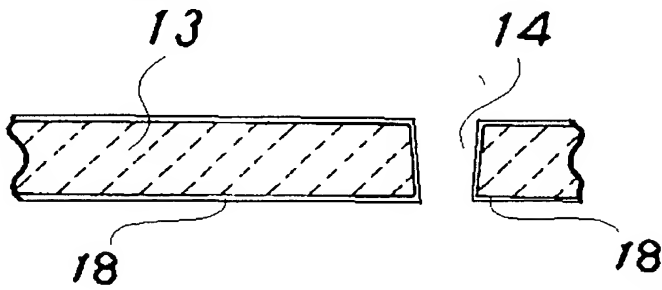


Fig. 10(c)

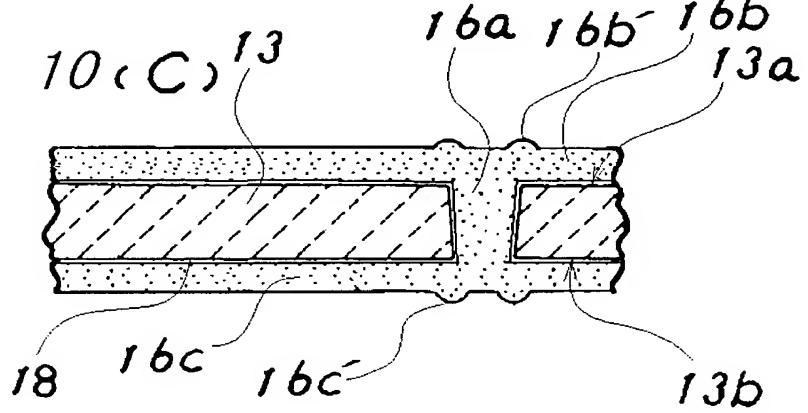




Fig.11(a)

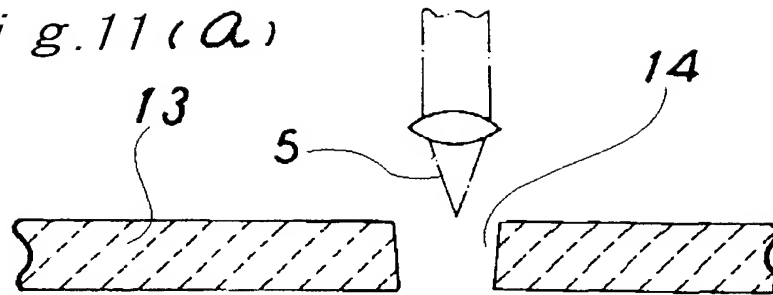


Fig.11(b)

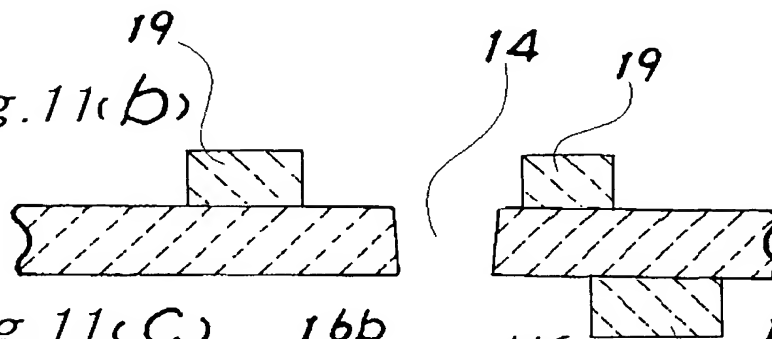


Fig.11(c)

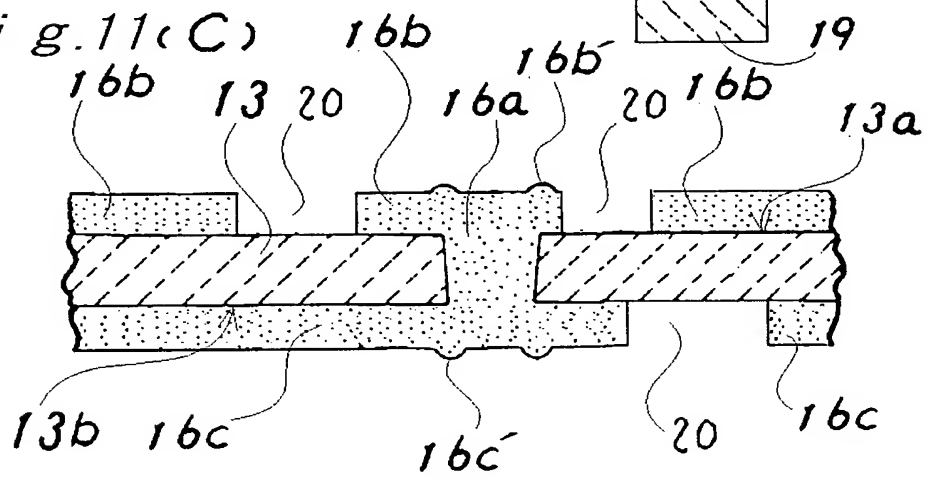


Fig. 12 (a)

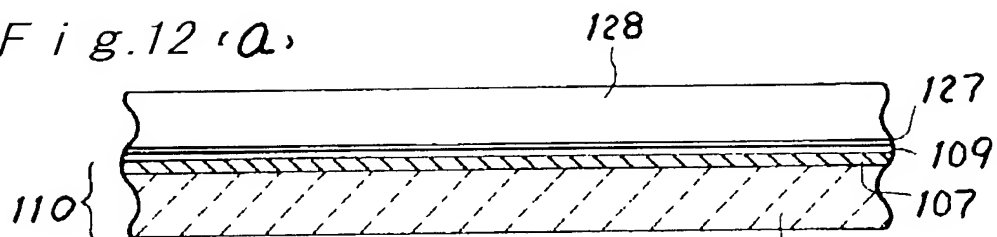


Fig. 12 (b)

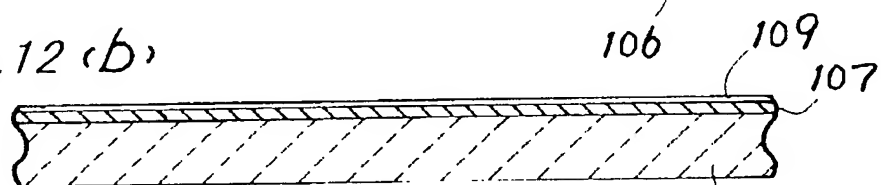


Fig. 12 (c)

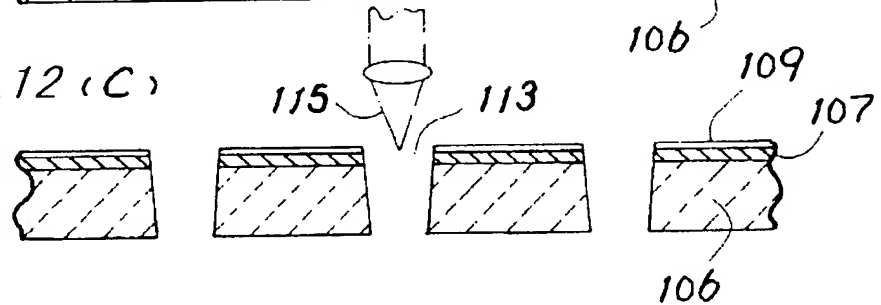


Fig. 12 (d)

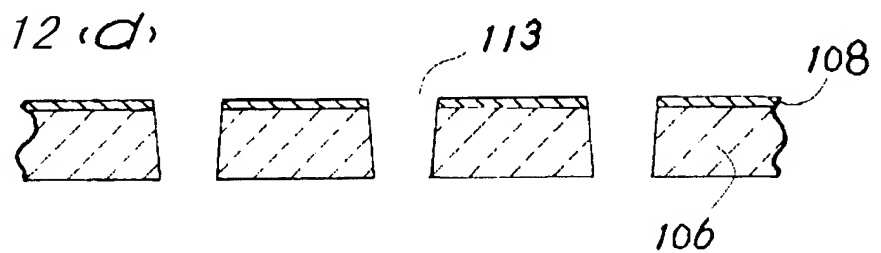


Fig. 13(e)

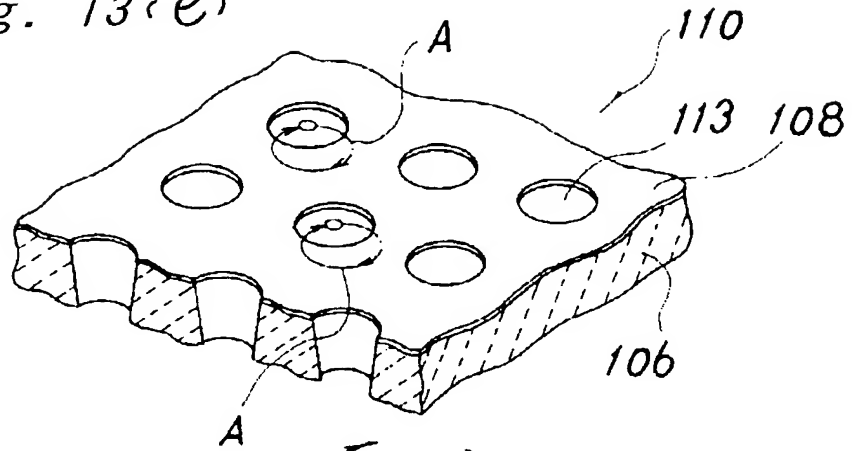


Fig. 13(f)

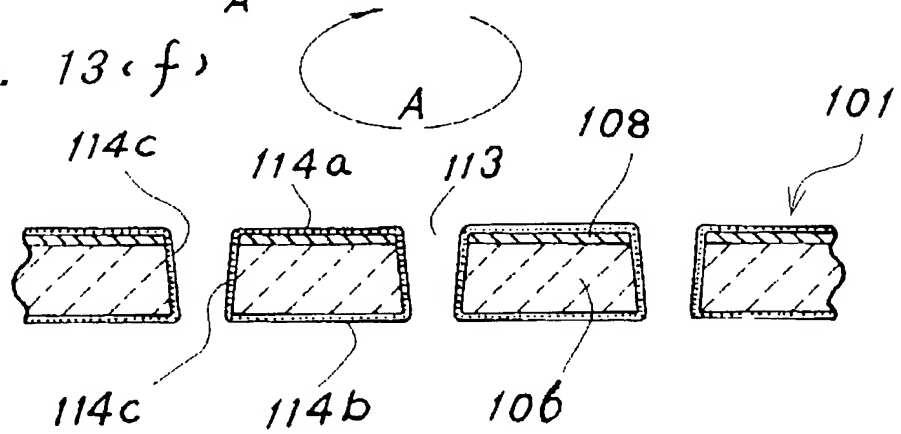


Fig. 14

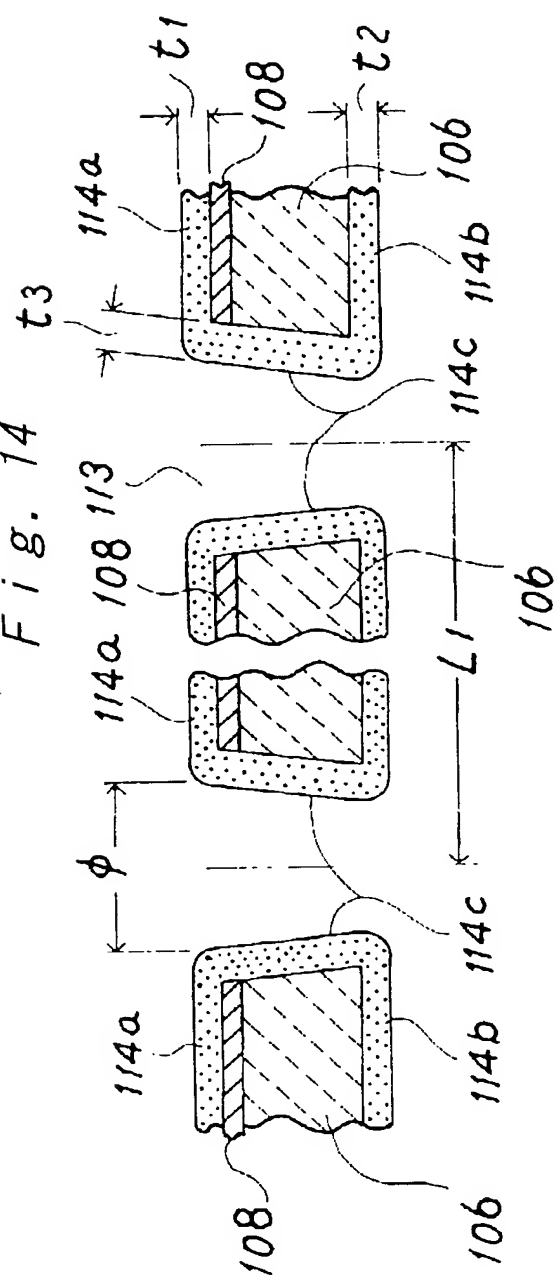


Fig. 15(a) shows a cross-sectional view of a substrate 117 with a thin layer 119 on its top surface. A conical probe 113 is shown in contact with the thin layer 119, with a small indentation 115 visible. The probe 113 is labeled 116 at its base. Fig. 15(b) shows three cross-sectional views of the substrate 117 after the probe 113 has been removed. The thin layer 119 is shown in three different states: a) partially removed, b) fully removed, and c) partially removed with a small indentation 115 visible. The probe 113 is labeled 116 at its base.

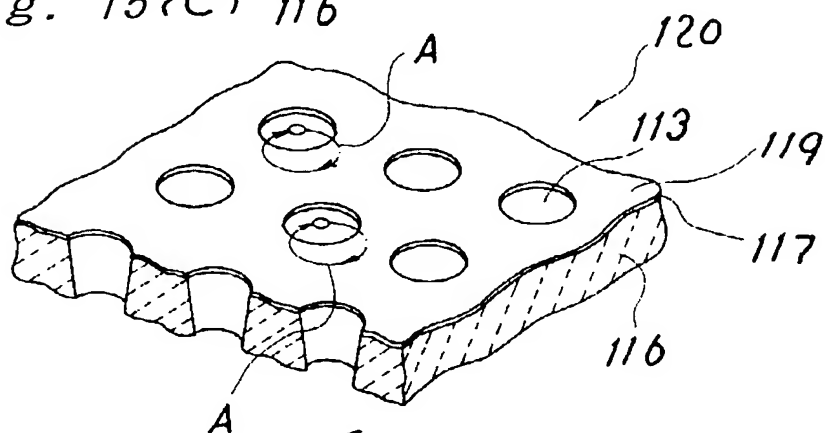
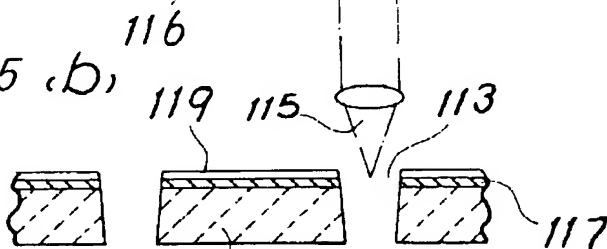
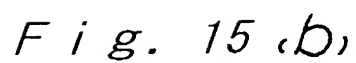


Fig. 15(d)

103

119

124a

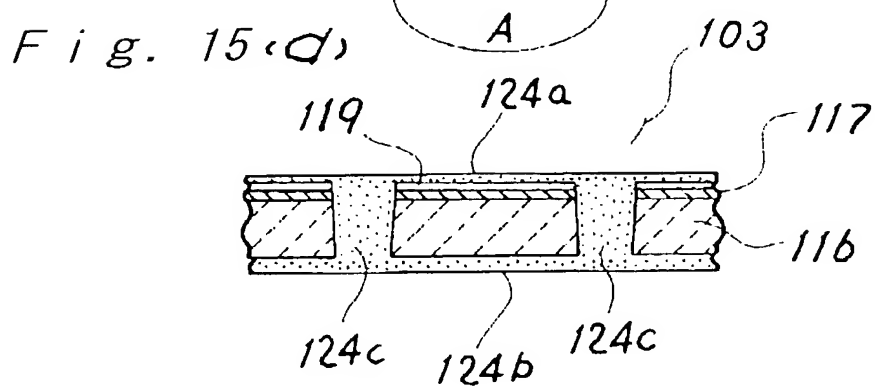
117

116

124c

124b

124c



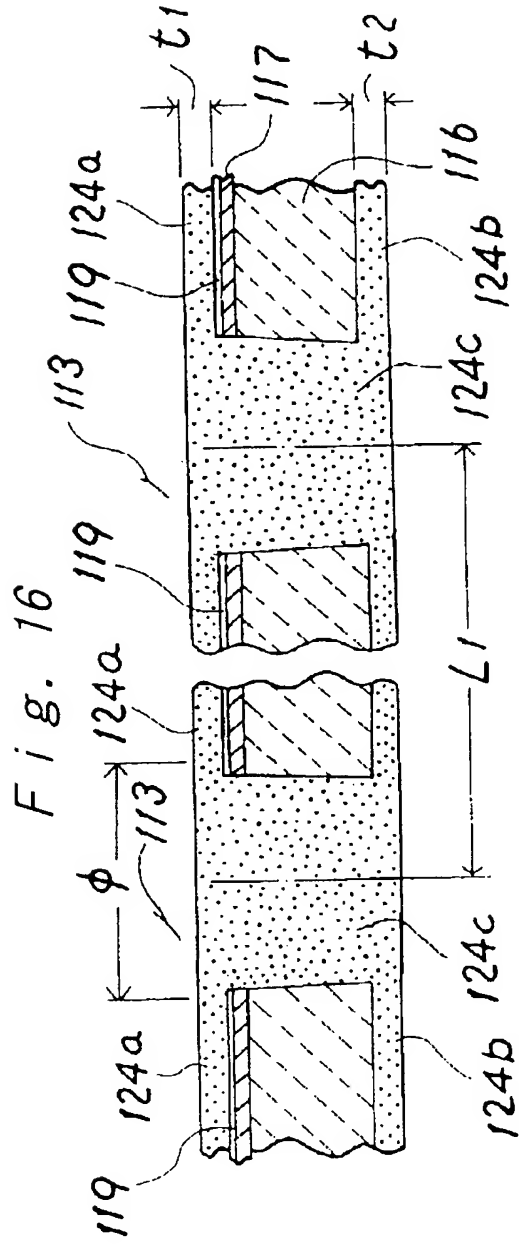


Fig. 17(a)

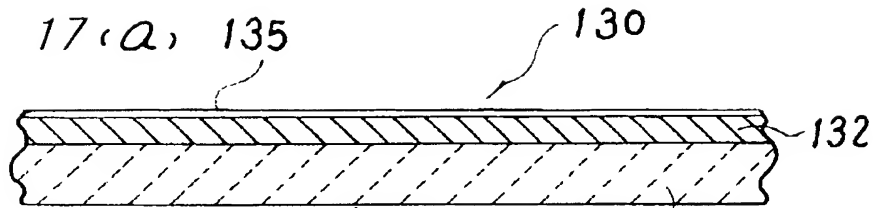


Fig. 17(b)

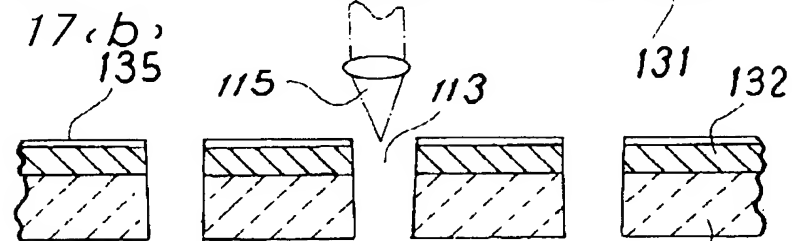


Fig. 17(c)

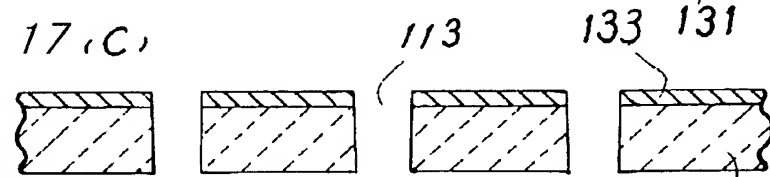


Fig. 17(d)

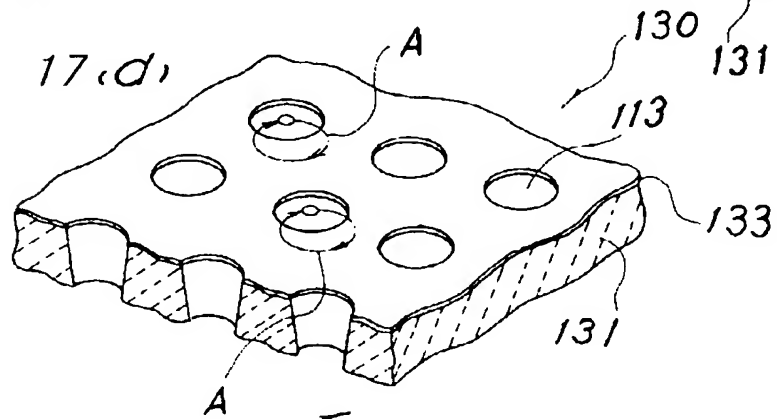
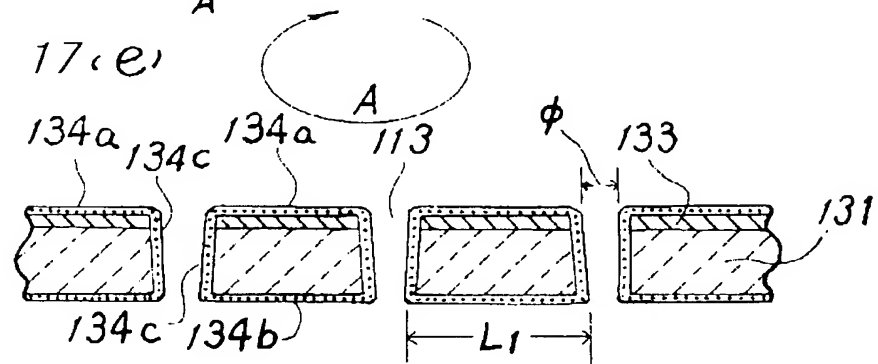
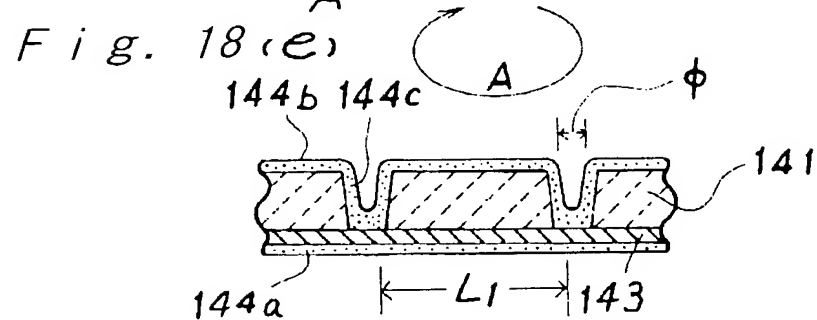
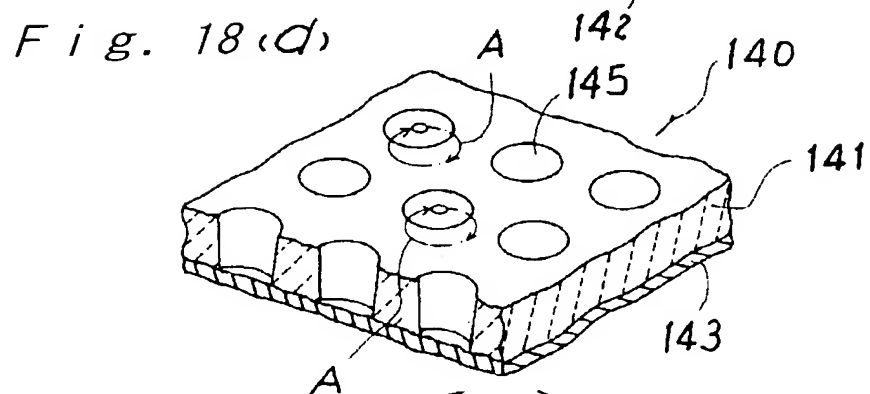
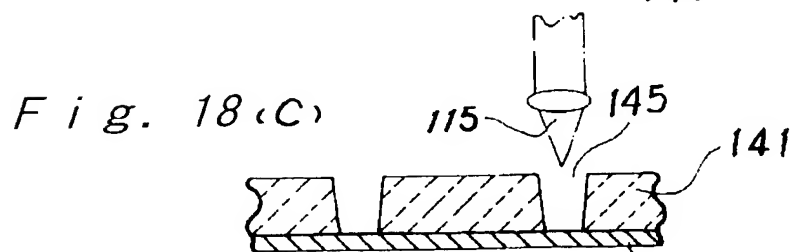
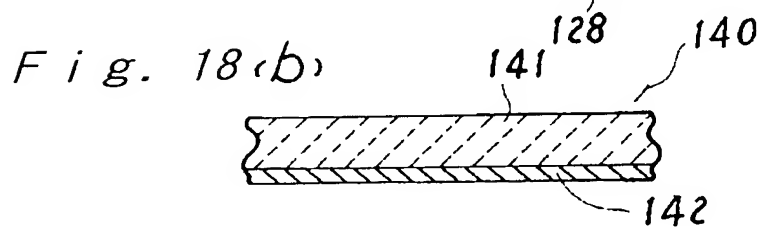
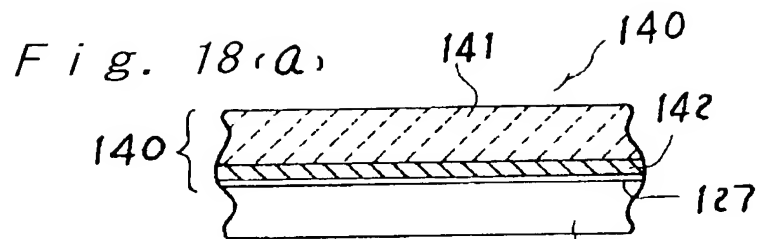


Fig. 17(e)







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Fig. 19

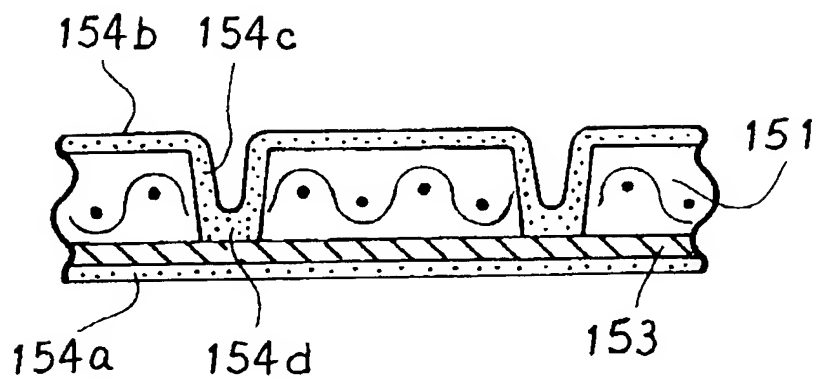


Fig. 20(a)

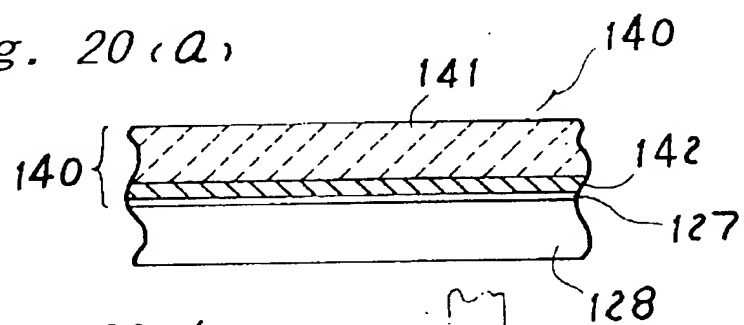


Fig. 20(b)

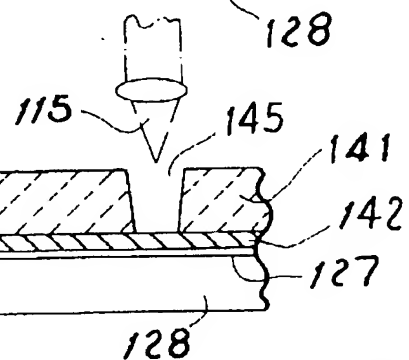
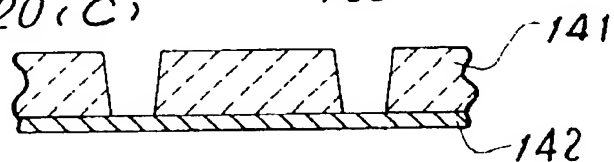


Fig. 20(c)



*F i g. 21(b)*

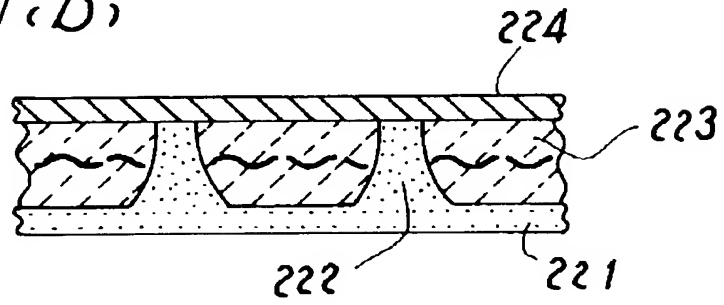
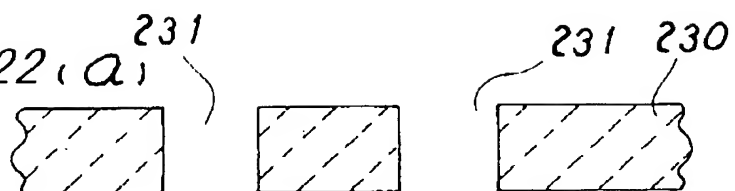
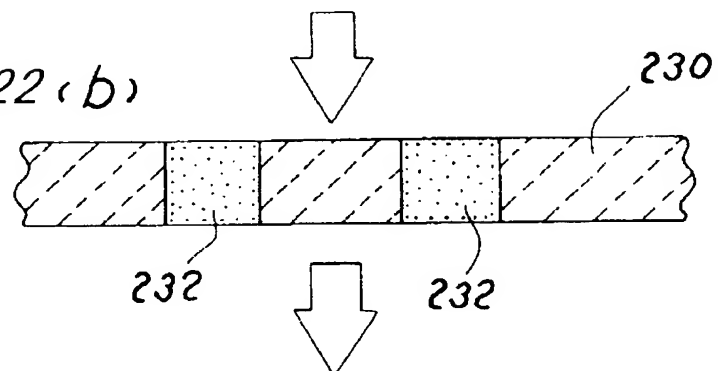


Fig. 22(a)<sup>231</sup>



*F i g. 22 (b)*



*F i g. 22 (C)*

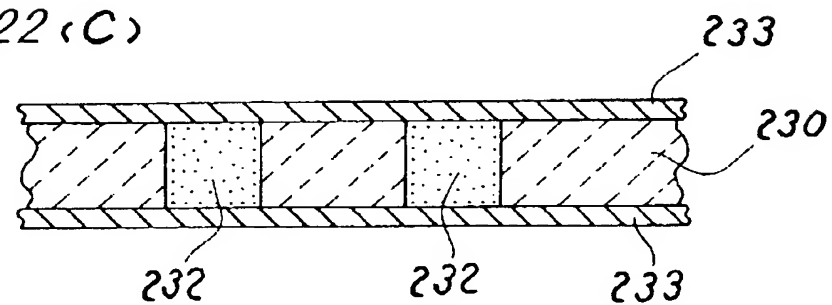


Fig. 23(a)

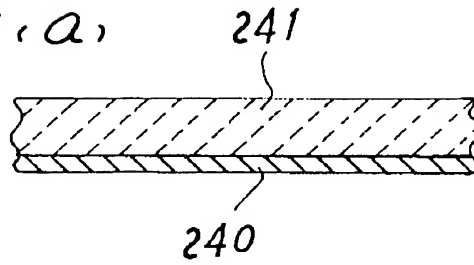


Fig. 23(b)

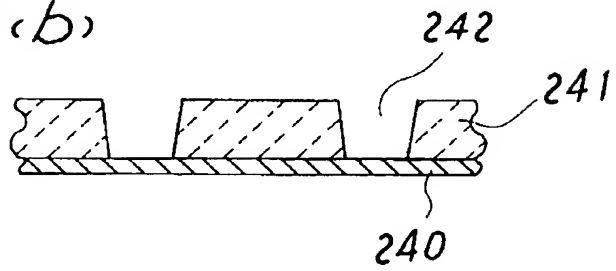


Fig. 23(c)

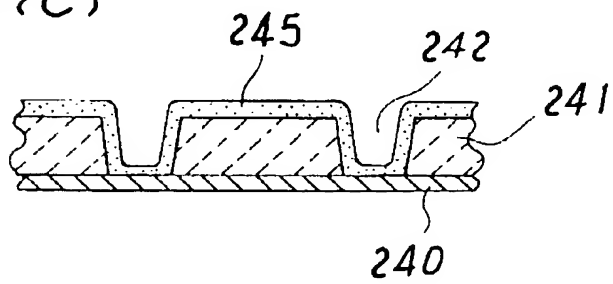


Fig. 24

